FIG.1

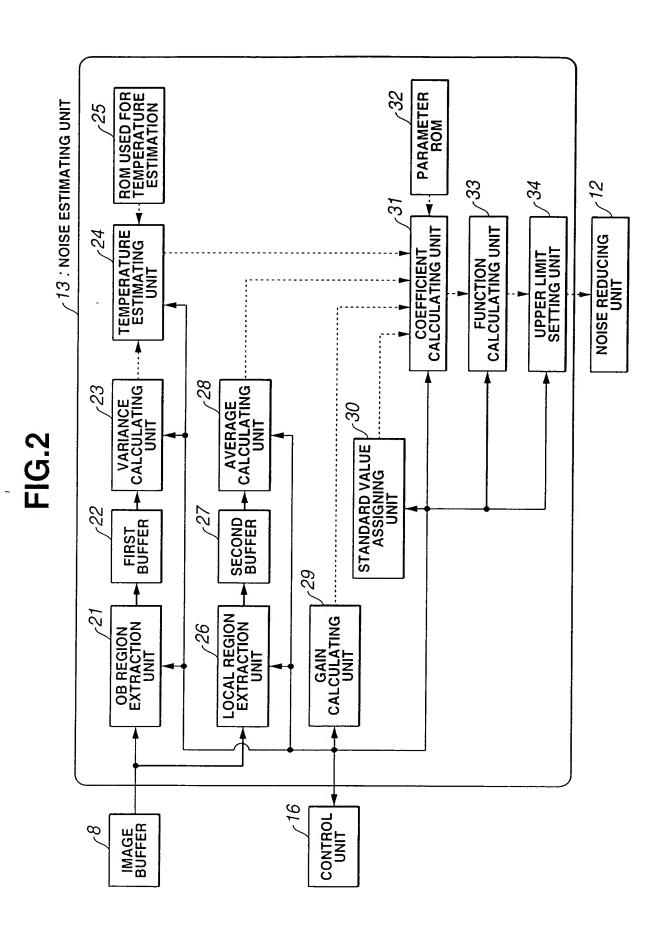


FIG.3A

FIG.3B

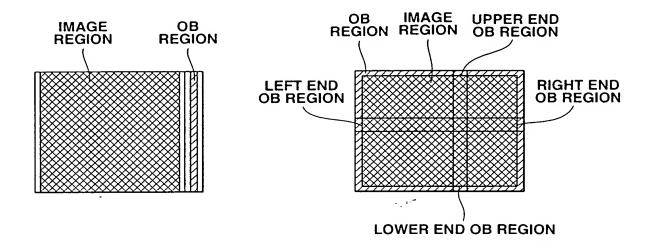


FIG.4

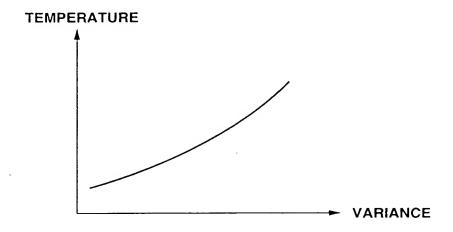
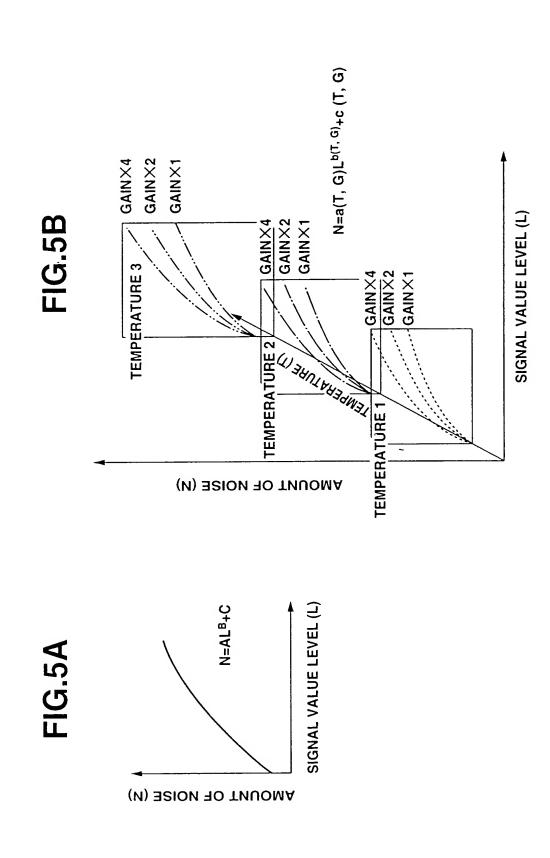
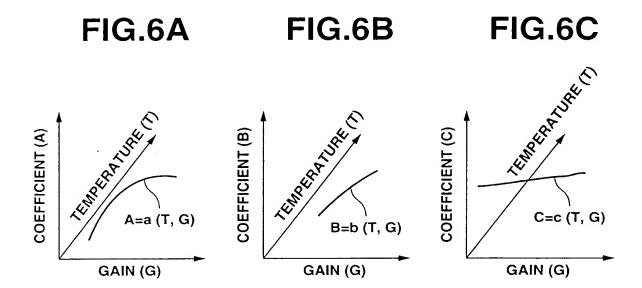


FIG.9

R	G1
G2	В





INCREMENT IN AMOUNT
OF NOISE (D)

STH
SHUTTER SPEED (S)

FIG.6D

FIG.7

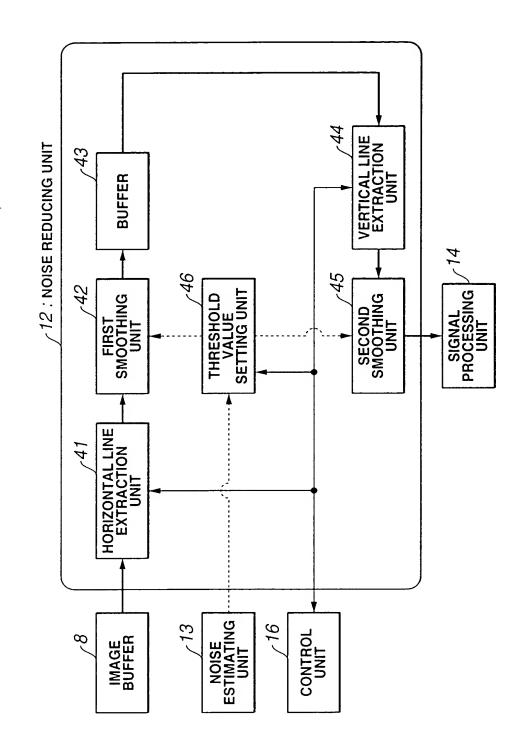
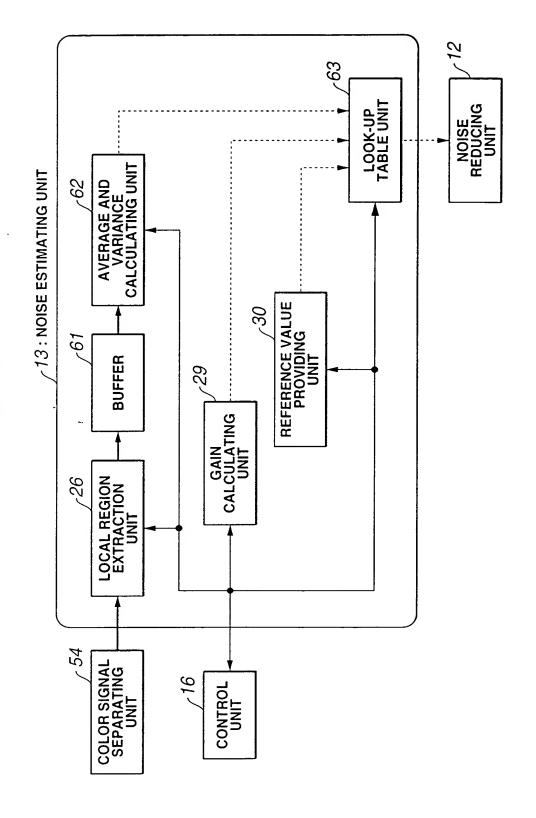


FIG.8

FIG. 10



SIGNAL PROCESSING UNIT 73 BUFFER 712: NOISE REDUCING UNIT COEFFICIENT ROM 72 FILTERING UNIT SIZE SETTING UNIT 74 LOCAL REGION EXTRACTION UNIT 16 54 COLOR SIGNAL SEPARATING UNIT NOISE ESTIMATING UNIT CONTROL UNIT

FIG.11

FIG.12

